

[illegible]

Major for Teaching Chemistry (ADCH – EDCH)

*Illinois certification qualifies teaching in
Chemistry, Biology,
Earth & Space Science, Environmental Science and Physics
but only Chemistry at the honors or AP level.*

Required Courses			
Course Number		Course Name	Credits
	CHEM-121PN,I	General Chemistry 1	3
	CHEM-122PN,I	General Chemistry 2	3
	CHEM-200	Quantitative Analysis Chemistry	3
	CHEM-123	General Chemistry 3 OR	3
	CHEM-225	Introductory Inorganic Chemistry	
	CHEM-311	Organic Chemistry 1	3
	CHEM-312	Organic Chemistry 2	3
	CHEM-313	Organic Chemistry 3	3
	CHEM-361	Physical Chemistry 1	3
	CHEM-362	Physical Chemistry 2	3
	CHEM-372	Physical Chemistry Lab	1
	CHEM-403	Instrumental Analysis	3
	CHEM-411	Biochemistry 1	3
	CHEM-451	Chemistry Literature	1
Total Credits – Chemistry			35
Grand Total			

Required Supporting Courses			
Course Number		Course Name	Credits
	BIOL-200PN	General Zoology	3
	BIOL-210	Cell Biology	3
	BIOL-220	General Botany	3
	PHYS-101PN,I	Principles of Physics I	3
	PHYS-102PN,I	Principles of Physics II	3
	PHYS-103PN,I	Principles of Physics III	3
	GEOG-101PN,I	Global Weather & Climate Systems	3
	GEOL-101PN,I	Physical Geology	3
	GEOL-115PN,I	Environmental Geology OR	3
	GEOG-103PN,I	Water and Land Resources	
	ASTR-315PN	Stars, Nebulae and Galaxies	3
	MATH-219Q	Calculus I	3
	MATH-220Q	Calculus II	3
	MATH-221	Calculus III OR	3
	MATH-338	Differential Equations	
Total Credits – Required Supporting Courses			39
Grand Total Credits – Chemistry & Supporting Science			74

Notes:

Chemistry – Tentative Schedule									
FALL		WINTER		SPRING		SUMMER		Take...	
LSFY 101	3	LSFY 102	3	LSFY 103	3			PSYC-100	
								POLS-101	
								HIST-13x	
								Foreign Lang.	
								PA	
								PE, PE	
								Q	
Total Credits		Total Credits		Total Credits		Total Credits			
		EDUC 300 <small>Educ. Psychology</small>	3	EDUC 330* <small>Assess Learning</small>	3			RELG 201, 203, 205, 207 or 209	
		PSYC 214 <small>Adolescent Dev</small>	3						
								PN/I	
<i>Basic Skills Test*</i>		<i>TB Test*</i>						*Linked to EDUC 300	
Total Credits		Total Credits		Total Credits		Total Credits			
EDUC 380 <small>General Methods</small>	3			EDUC 386 <small>Science Methods</small>	3				
EDUC 340* <small>Inclusion</small>	3	EDUC 310 <small>Computers</small>	2						
		EDUC 396** <small>Middle Sch Clin</small>	1	EDUC 397** <small>HS Clinical</small>	1				
EDUC 412	3								
				<i>Content Test before ST</i>					
Total Credits		Total Credits		Total Credits		Total Credits			
								3151/2011†	
EDUC 422 <small>Seminar</small>	1	EDUC 450 <small>School and Society</small>	3						
INTR-EDA90 <small>Student Teaching</small>	9								
		<i>APT before graduation</i>							
Total Credits		Total Credits		Total Credits		Total Credits			

****If Student Teaching is in winter, then clinicals move to spring and fall.**

General Education Requirements & Education Required Supporting Courses

		Perspectives on the Arts (PA) THEA-141 or THEA-240 Recommended	
EDUC-450		Perspectives on Human Existence and Values (PH) EDUC-450 Required; ENGL-237, RELG-326, or RELG-327 Recommended	
PSYC-100	POLS-101	Perspectives on Individuals and Society (PS) Psyc-100 and POLS-101 Required POLS101AP does not count toward Perspectives but does count toward Education requirements	
		Perspectives on Literature and Texts (PL)	
		Perspectives on the Past (PP) HIST-130, -131, -132, -335, -373 or upper division US History REQUIRED. US HIST AP <i>does not</i> count toward Perspectives but <i>does</i> count toward Education	
CHEM-121	BIOL-200	Perspectives on the Natural World (PN)	
Please Note: In the above courses, the second course in 3 of the Perspectives must be a different subject code from the first. No more than 2 courses with the same subject code overall can count toward the Perspectives group.			
		HEPE: 2 activity courses	
		Learning Community (HONR-220, 221, 222 or international term qualify)	
	Christian Traditions: RELG-201(PS), 203(PH), 205(PP), 207(PL) or 209(PH) or Logos/Foundations with RELG professor		
MATH-220	Quantitative Reasoning (Q)		Diversity (D)
	PSYCH-214 (Pre-requisite for EDUC-340)		Global (G)
		Foreign Language (9 hours equivalent)	

Professional Sequence (35 Credits)

- ☐ EDUC-300 Educational Psych & Measurement (3)
- ☐ EDUC-330 Assessing Learning (3)
- ☐ EDUC-340 Methods of Inclusion (3)
- ☐ EDUC-310 Computers in Education (2)
- ☐ EDUC-380 Secondary: General Methods (3)
- ☐ EDUC-386 Methods 6-12 Science (3)
- ☐ EDUC-396 Clinical Experience 6-8 (1)
- ☐ EDUC-397 Clinical Experience 9-12 (1)
- ☐ EDUC-412 Methods 6-12 Literacy (3)
- ☐ INTR-EDA90 Student Teaching 6-12 (9)
- ☐ EDUC-422 Classroom Management Seminar (1)
- ☐ EDUC-450 School and Society (3)

Illinois Teacher Testing Requirements

- ☐ **Basic Skills Test** (required to enter the program)
TAP: Pass each of the 4 subtests
ACT Plus Writing's minimum scores
 - through 8/30/15: 22 with 19 on English/Writing
 - 9/1/15 – 8/30/16: 22 with 16 on Writing
 - starting 9/1/16: 22 with 6 on Writing**SAT's** minimum scores
 - through 2/29/16: 1030 (CR+Math) with 450 on Writing
 - starting 3/1/16: 1110 (ERW+Math) with 26 on Writ/Lang
- ☐ **Content Test** (required before student teaching; required for program completion)
- ☐ **edTPA** Completed during Student Teaching (Required for licensure)

Program Deviations: